Radeon™ HD 6870

UP TO 1GB [256-bit] DDR5 Graphics Card

XFX Part Numbers:
HD-687A-ZNF(*)

Bus
PCI-E 2.1
Profile
Double
Available Outputs
Mini-DisplayPort
HDMI
DVI

Enthusiast

Microsoft DirectX 11 | AMD Eyefinity | AMD CrossFireX | AMD Accelerated Parallel Processing | DisplayPort | HDMI | Windows 7 Ready

KEEPING IT REAL.

Add a new dimension to gaming with XFX Radeon HD 6870 and 6850 graphics cards. This new series of AMD Radeon graphics cards has the anticipated release of a 3-D gaming and multi-media solution for desktop computers. The HD 6800 Series is one of the first graphics cards with support for both HDMI 1.4a and DisplayPort 1.2 solutions for Stereoscopic 3-D on the market. With the added benefit of XFX 3E Technology, a new trilogy that incorporates AMD Eye-Definition, AMD Eyefinity and AMD Eyespeed, become totally immersed.

- 3nd Generation TeraScale Graphics Engine
- 40 nm Process Technology
- GDDR5 Memory
- AMD Eyefinity Technology
- AMD Advanced Parallel Processing Technology
- AMD CrossFireX™ Technology
- AMD HD3D Technology
- Accelerated Video Transcoding
- AMD PowerPlay Technology
- Built-in Mini-DisplayPort 1.2 and HDMI 1.4 Outputs
- Microsoft Windows 7® Support
- Microsoft DirectX 11 Support
- OpenGL 3.2 Support
- Enhanced Internet Browser Applications

XFX play hard.™

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XFX Radeon™ HD 6870

3nd Generation TeraScale Graphics Engine

Massive arrays of on-chip compute units offer the latest in graphics functionality and performance. This provides increased processing power for the latest games and accelerated applications.

AMD CrossFireX™

The ultimate multi-graphic card performance gaming platform. Enabling game-dominating power, AMD CrossFireX technology enables two or more discrete graphics cards to work together to improve system performance. For The Ultimate Visual Experience™, be sure to select AMD CrossFireX ready motherboards for AMD and Intel® processors and multiple AMD Radeon™ HD graphics cards. It allows you the ability to scale your system's graphics horsepower as you need it, supporting up to four AMD Radeon™ HD graphics cards.

AMD Advanced Parallel Processing technology

Boost system performance by offloading task from the CPU to the GPU. It makes your video encoding and transcoding process quick and easy.

HDMI 1.4

HDMI is a new standard that combines digital video and audio in a single consumer-friendly connector. HDMI delivers a clear clean image at any window size, including full-screen high-definition resolutions up to 1080p. HDMI 1.4 spec offers increased resolution capabilities plus Stereo 3D support.

AMD Eyefinity Technology

Enjoy the ultimate immersive gaming experience with innovative "wrap around" multi-display capabilities. Run up to three displays from a single graphics card and expand your gaming field of view across all displays. DisplayPort connection required for third panel.

AMD HD3D Technology

Full support for stereoscopic 3D, that creates three-dimensional depth on 2D imagery (movies, games, photos). Experience high quality Blue-ray movies, video games and photos in 3D.

Display Port 1.2

DisplayPort is designed to be the future-ready, scalable solution for high performance digital display connectivity. It enables the highest resolutions, the fastest refresh rates and deepest color depths over standard cables. V1.2 update enables increased bandwidth plus Stereo 3D support.

Double Lifetime Protection

Our exclusive Double Lifetime Protection guarantees the quality and dependability of our card for both you and the second owner.

*Valid for North America only

XFX Products Chart for this Chipset***

			Engine			Memory									
Model Number	Packing	Version	Clk(MHz)	Bus	Type	Size	Speed**	Stream	Cooling	Output	Profile	CrossFireX	Min Power Req.	Card Dimension
HD-687A-ZNF(*)	(C)(E)(7)	Standard	900	256bit	DDR5	1GB	4.2 GHz	1120	Fansink	♦,▲,¤(2)	Double	Yes	500W w/ 2 6-pin power cable	10.3x 4.376x 1.5 in

Outputs - ○ VGA, □ DVI, ◊ Dual DVI, ● S-Video and HDTV, ■ DVI w/Dual-link, ♦ Dual DVI w/Dual Dual-link, ♥ DMS-59 Output, ▲ HDMI, ♠ DisplayPort, ¤ Mini-DisplayPort, Δ Supports HDMI with Upgrade Kit

* Insert Packing Code reference here for the complete model number. See XFXforce.com regarding package contents for each model. All XFX graphics cards include a Serial Number Door Hanger or Card for convenient reference. Game bundles may be included with certain models/packing during promotional periods.

** Optimal memory speed. Actual speed may vary.

*** Specifications subject to change without notice. Card appearance may vary. See XFXforce.com for the latest information.

www.XFXforce.com